

File 9:Business & Industry(R) Jul/1994-2004/Apr 09
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(c) 2004 The Gale Group

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(c) 2004 The HW Wilson Co.

File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media

File 141:Readers Guide 1983-2004/Apr
(c) 2004 The HW Wilson Co

File 148:Gale Group Trade & Industry DB 1976-2004/Apr 12
(c) 2004 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2004/Apr 12
(c) 2004 The Gale Group

File 264:DIALOG Defense Newsletters 1989-2004/Apr 12
(c) 2004 The Dialog Corp.

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(c) 2004 ProQuest

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(c) 2004 The HW Wilson Co

File 570:Gale Group MARS(R) 1984-2004/Apr 12
(c) 2004 The Gale Group

File 608:KR/T Bus.News. 1992-2004/Apr 12
(c) 2004 Knight Ridder/Tribune Bus News

File 620:EIU:Viewswire 2004/Apr 10
(c) 2004 Economist Intelligence Unit

File 613:PR Newswire 1999-2004/Apr 12
(c) 2004 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2004/Apr 12
(c) 2004 The Gale Group

File 623:Business Week 1985-2004/Apr 09
(c) 2004 The McGraw-Hill Companies Inc

File 624:McGraw-Hill Publications 1985-2004/Apr 12
(c) 2004 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2004/Apr 10
(c) 2004 San Jose Mercury News

File 635:Business Dateline(R) 1985-2004/Apr 10
(c) 2004 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2004/Apr 12
(c) 2004 The Gale Group

File 647:cmp Computer Fulltext 1988-2004/Apr W1
(c) 2004 CMP Media, LLC

File 696:DIALOG Telecom. Newsletters 1995-2004/Apr 12
(c) 2004 The Dialog Corp.

File 674:Computer News Fulltext 1989-2004/Apr W1
(c) 2004 IDG Communications

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	2731387	(CARDIAC? OR HEART?? OR AORTA OR HEARTBEAT? OR HEART()BEAT? OR CARDIOVASCULAR?)
S2	122172	(IMAG? OR PICTURE? OR PHOTOS OR PHOTOGRAPH?) (3N)SCAN?
S3	15	CARDIAC(3N)CYCLE?(3N)SIGNAL?
S4	0	(GENERAT? OR CREAT? OR COMPOS? OR DERIV?) (3N)S3(3N) (USING - OR "WITH" OR "FROM") (3N)S2
S5	0	S2(5N)S3
S6	4509	AU=(ARGIRO, V? OR BREJL, M? OR RASHID, R? OR JOHNSON, T? OR BREJL, M? OR ARGIRO V? OR BREJL M? OR RASHID R? OR JOHNSON T? OR BREJL M?)
S7	0	S3 AND S6
S8	12	RD S3 (unique items)

8/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

04244511 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Medicare Coverage Approved for Vasomedical's EECP Therapy
BUSINESS WIRE
February 05, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 626

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... cuffs placed on the lower extremities, with inflation and deflation modulated by events in the **cardiac cycle** via microprocessor-interpreted ECG **signals**. The beneficial effects of the procedure on perfusion of the ischemic myocardium in patients with...

8/3,K/2 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2004 The Gale Group. All rts. reserv.

06531053 SUPPLIER NUMBER: 102981669
A new clutter rejection algorithm for Doppler ultrasound. (Author Abstract)
Cloutier, Guy; Chen, Danmin; Durand, Louis-Gilles
IEEE Transactions on Medical Imaging, 22, 4, 530(9)
April, 2003
DOCUMENT TYPE: Author Abstract ISSN: 0278-0062 LANGUAGE: English
RECORD TYPE: Abstract

...AUTHOR ABSTRACT: n): time-varying low-frequency components, covering systole and early diastole, and short transient clutter **signals**, distributed within the whole **cardiac cycle**. The Doppler **signals** were modeled with the MP method and the most dominant atoms were subtracted from the...

8/3,K/3 (Item 2 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2004 The Gale Group. All rts. reserv.

05731828 SUPPLIER NUMBER: 73036235
The implantable cardioverter defibrillator.
Glikson, Michael; Friedman, Paul A
The Lancet, 357, 9262, 1107
April 7, 2001
ISSN: 0099-5355 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 8570 LINE COUNT: 00779

... means of a dynamic gain or sensitivity threshold, which alters the amplitude of the intracardiac **signal** the device can detect throughout the **cardiac cycle**, permitting QRS detection, avoidance of T-wave counting, and a high sensitivity for fibrillation (figure...

8/3,K/4 (Item 3 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2004 The Gale Group. All rts. reserv.

05501386 SUPPLIER NUMBER: 63502750
Conversion of Magnetocardiographic Recordings Between Two Different Multichannel SQUID Devices.

Burghoff, Martin; Nenonen, Jukka; Trahms, Lutz; Katila, Toivo
IEEE Transactions on Biomedical Engineering, 47, 7, 869
July, 2000

ISSN: 0018-9294 LANGUAGE: English RECORD TYPE: Abstract

...AUTHOR ABSTRACT: parameters of a multipole expansion or minimum-norm estimates at 1-ms steps over the **cardiac cycle**. The **signals** of the second sensor array were then simulated from the computed estimates and compared against...

8/3,K/5 (Item 4 from file: 88)
DIALOG(R) File 88:Gale Group Business A.R.T.S.
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05355890 SUPPLIER NUMBER: 60273000
High Resolution Magnetocardiography for The Study of Dynamic Propagation of Excitation Sites in Rat Cardiac Muscles.
Uchida, S.; Iramina, K.; Goto, K.; Ueno, S.
IEEE Transactions on Magnetics, 35, 5, 4124
Sept, 1999

ISSN: 0018-9464 LANGUAGE: English RECORD TYPE: Abstract

...AUTHOR ABSTRACT: in the study. Rats were anesthetized intraperitoneally with Nembutal (40mg / 1kg). Averaging of the magnetocardiogram **signals** was performed over 2000 **cardiac cycles**. Existing sites of **cardiac** muscles were analyzed by minimum norm estimation of MCG. Current sources corresponding to electric activities...

8/3,K/6 (Item 5 from file: 88)
DIALOG(R) File 88:Gale Group Business A.R.T.S.
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03462525 SUPPLIER NUMBER: 15277589
Heart Failure: Basic Science and Clinical Aspects. (book reviews)
Grace, Andrew
The Lancet, v343, n8903, p962(1)
April 16, 1994
DOCUMENT TYPE: Review ISSN: 0099-5355 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 669 LINE COUNT: 00056

... but is particularly good in the description of the processes determining calcium movements during the **cardiac cycle**. The mechanisms of **signal** transduction from the cell surface, to produce changes in the strength of the heartbeat, are...

8/3,K/7 (Item 6 from file: 88)
DIALOG(R) File 88:Gale Group Business A.R.T.S.
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03188489 SUPPLIER NUMBER: 14040500
A closer look at the heart SAECG. (signal-averaged electrocardiogram)
Merva, Jean
RN, v56, n5, p50(4)

May, 1993
ISSN: 0033-7021 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1404 LINE COUNT: 00119

... skeletal muscle twitching, respiration and other movement. The remaining collection of low-amplitude, high-frequency **signals** from many **cardiac cycles** is averaged by a computer and printed as a single QRS complex.

The printout of...

8/3,K/8 (Item 1 from file: 98)
DIALOG(R) File 98:General Sci Abs/Full-Text
(c) 2004 The HW Wilson Co. All rts. reserv.

04265297 H.W. WILSON RECORD NUMBER: BGSA00015297 (USE FORMAT 7 FOR FULLTEXT)
Genetic dissection of cardiac growth control pathways.
MacLellan, W. Robb
Schneider, Michael D
Annual Review of Physiology v. 62 (2000) p. 281-319
SPECIAL FEATURES: bibl il ISSN: 0066-4278
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 15192

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Key Words **cardiac** muscle, cell **cycle**, growth factors, hypertrophy, **signal** transduction

OVERVIEW

Cardiac myocytes display two developmentally programmed forms of growth, which have been investigated systematically chiefly for...

8/3,K/9 (Item 2 from file: 98)
DIALOG(R) File 98:General Sci Abs/Full-Text.
(c) 2004 The HW Wilson Co. All rts. reserv.

04017131 H.W. WILSON RECORD NUMBER: BGSI99017131 (USE FORMAT 7 FOR FULLTEXT)
Effects of anabolic-androgenic steroids on weight-lifters' myocardium: an ultrasonic videodensitometric study.
Di Bello, Vittorio
Giorgi, Davide; Bianchi, Massimiliano
Medicine and Science in Sports and Exercise (Med Sci Sports Exercise) v. 31 no4 (Apr. 1999) p. 514-21
SPECIAL FEATURES: bibl il ISSN: 0195-9131
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 5228

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... early myocardial textural alterations, which could probably represent the onset of a specific cardiomyopathy.

A **cardiac cycle**-dependent variation in the ultrasound **signals**

within the myocardium was detectable in normal subjects. The maximum values occurred at end-diastole...

8/3,K/10 (Item 3 from file: 98)
DIALOG(R) File 98:General Sci Abs/Full-Text
(c) 2004 The HW Wilson Co. All rts. reserv.

03764534 H.W. WILSON RECORD NUMBER: BGSA98014534 (USE FORMAT 7 FOR FULLTEXT)
Respiratory sinus arrhythmia and cardiovascular neural regulation in athletes.
Strano, Stefano
Lino, Stefano; Calcagnini, Giovanni
Medicine and Science in Sports and Exercise (Med Sci Sports Exercise) v. 30 (Feb. 1998) p. 215-19
SPECIAL FEATURES: bibl il ISSN: 0195-9131
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 3482

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
... the QRS fiducial point (tachogram: R-R), the systolic value was detected in the same **cardiac cycle** (systogram: S-S), and the respiratory **signal** was sampled once every R-wave peak (respirogram).
Experimental protocol. In recordings designed to determine...

8/3,K/11 (Item 4 from file: 98)
DIALOG(R) File 98:General Sci Abs/Full-Text
(c) 2004 The HW Wilson Co. All rts. reserv.

02786415 H.W. WILSON RECORD NUMBER: BGSA94036415
Ratiometric methodology for NAD(P)H measurement in the perfused rat heart using surface fluorescence.
Scott, David A
Grotyohann, Lee W; Cheung, Joseph Y
American Journal of Physiology (Am J Physiol) v. 267 (Aug. 1994 pt2) p. H636-H644
SPECIAL FEATURES: bibl il ISSN: 0002-9513
LANGUAGE: English
COUNTRY OF PUBLICATION: United States

...ABSTRACT: the measurements at 340 and 380 nm were estimated at the same point in the **cardiac cycle**. A method of **cardiac waveform reconstruction** and **signal averaging** is described to obtain these data from sequential measurements. With these techniques, the reduction...

8/3,K/12 (Item 1 from file: 624)
DIALOG(R) File 624:McGraw-Hill Publications
(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

00911520
Prevention of inappropriate shocks from ICDs
Postgraduate Medicine January 1998; Pg 121; Vol. 103, No. 1
Journal Code: PGM ISSN: 0032-5481
Word Count: 478 *Full text available in Formats 5, 7 and 9*

TEXT:

... electrograms with a large proportion of isoelectric time, while ventricular tachycardia has a weaker isoelectric signal .

The onset criterion monitors cardiac cycle length for sudden onset of a ventricular rate to avoid classifying the gradually increasing